

(c) Derwent

<p>93-004214/01 L02  KIKUSUI KAGAKU KOGYO KK  91.05.07 91JP-197532 (92.11.19) C04B 38/08  Heat tracking refractory coating compsn. - contg. hydraulic cement,  inorganic lightweight aggregate, thickening agent and foaming  agent  C93-001971</p>	<p>KIKS 91.05.07  *JP 04331784-A</p>	<p>The compsn. comprises 15-60 wt.% hydraulic cement, 10-88 wt.%  inorganic lightweight aggregate (typically "Sirusu" balloon, glass  balloon or burned vermiculite, contg. at least 50 wt.% of coarse  aggregate), 1-14 wt.% low viscosity thickening agent and 0.05-3 wt.%  specified foaming agent.  USE - Used for fire-resistant roof or floor structure of building.  (opp Dwg.No.0/0)</p>	<p>L(2-D3, 2-D9, 2-D15D)</p>
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XP 000353300

6001 Chemical Abstracts  
118 (1993) May 3, no. 18, Columbus, Ohio, US

C04B20/02

P. 350

118: 174615z Refractory coating compositions. Tokimoto, Noritoshi; Toyama, Masao (Kikusui Chemical Industries Co., Ltd.) Jpn. Kokai Tokkyo Koho JP 04,331,784 [92,331,784] (Cl. C04B38/08), 19 Nov 1992, Appl. 91/197,532, 07 May 1991; 6 pp. Hydraulic cement as binder 15-60%, shirasu balloons, fired vermiculite, glass balloons, perlite, and/or pumice (sp. gr. 0.05-0.8) contg. coarse aggregates (0.3-3.3 mm)  $\geq 50\%$  (based on total inorg. lightwt. aggregates) as inorg. lightwt. aggregates 10-68%, methylcellulose, poly(vinyl alc.), hydroxyethylcellulose, and/or gaur gum, alginic acid derivs. ( $\leq 1,000$  cP at 20° as 2% aq. soln.) as low-viscosity thickening agents 1-14%, and foaming agents 0.05-3% are mixed to give the title compns. for building construction. Cracking due to heating is minimized to prevent exfoliation, and the binding strength and thermal insulation are improved.